AMENDMENTS TO THE SPECIFICATION:

Page 1, before line 1 and after the title insert:

BACKGROUND OF THE INVENTION

1. Field of the Invention; and

Page 1, between lines 4 and 5, insert:

2. Related Art.

Page 2, before line 1, insert:

SUMMARY OF THE INVENTION.

Page 6, between lines 3 and 4, insert:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 6, between lines 19 and 20, insert:

DETAILED DESCRIPTION OF EXEMPLARY EMBODIMENTS

Please amend the paragraph beginning at page 7, line 17, as follows:

Prior to commencing a session, a customer terminal 3 may have contracted with the operator of the data network 2 for a quality of service (QoS) which requires a specified minimum number of ADUs to be delivered per unit time. If subsequently, congestion in the network 2 causes the rate of ADU delivery to fall below that specified in the contract, then the customer terminal 3 requests from the data server 1 a refund of charges for the session. To validate this request, the data server 1 requests from the secure module 4 a "receipt". This receipt includes the data recorded in the data store and so provides a tamper-proof indication of the number of

ADUs decrypted and made available to the customer in the course of a specified session. In general, this receipt will only be trusted by the party encrypting the data, not a party such as the network operator simply transmitting data encrypted without its knowledge. However, the encryption software used by the data source may be certified by a third party trusted by both the network provider and the data source. If the decryption software is also certified by this trusted third party as described below, it may then sign the receipt on behalf of the trusted third party so that the network operator can trust it.

Please amend the paragraph beginning at page 7, line 33, as follows:

Figure 2 shows the principal functional components of the customer terminal relevant to the present ~~invention~~exemplary embodiment. A network interface 22 communicates ADUs to and from the data network. The ADUs pass from the interface 22 to a secure module 23. The secure module 23 has sub-modules comprising a decryption module D a key generation module K and a secure store S. The key generation module passes a series of keys to the decryption module which decrypts a series of ADUs received from the interface 22 and passes these to an application layer module 24. This carries out further processing and passes the resulting data to output device, which in this example is a video display unit VDU 25. In a preferred implementation, the interface 22 may be embodied in hardware by an ISDN modem and in software by a TCP-IP stack. The secure module 23 may be, for example, a smartcard which is interfaced to the customer terminal via a PCMCIA socket. Suitable smartcards are available commercially from Gemplus and other companies. The smartcard may use one of a number of standard data interfaces such as the Java card API (application programmer's interface) of Sun Microsystems, or the Microsoft smartcard architecture. Alternatively, the secure module may be

embodied by a PCI cryptographic co-processor card such as that available commercially from IBM.

Please amend the paragraph beginning at page 11, line 3, as follows:

As noted in the introduction above, the ADU's may be decrypted in such a way that at each one of a number of customer terminals a different characteristic variation is present in the data. This variation may be generated directly in the said step of decrypting the ADUs or a watermarked key may be supplied to decrypt the ADU. In this latter case, the characteristic variation in the key automatically results in a traceable variation in the data decrypted using the key. The use of watermarked keys is described, for example, in Ross Anderson, "Chameleon – A New Kind of Stream Cipher Encryption" in Haifa in January 1997.

~~<http://www/cl.cam.ac.uk/ftp/users/rja14/chameleon.ps.gz~~

Please amend the paragraph beginning at page 13, line 30, as follows:

Related inventions are described in the applicant's co-pending international application filed this day, entitled "data communications", (USSN 09/555,929 filed June 6, 2000) ~~(Applicant's reference A25728)~~.